

Weekly Coal Production

Production for Week Ended:
June 22, 1991



Preface

The *Weekly Coal Production* (WCP) provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.09 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended June 22, 1991, as estimated by the Energy Information Administration, totaled 20 million short tons. This was about the same as in the previous week, and in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 7 million short tons.

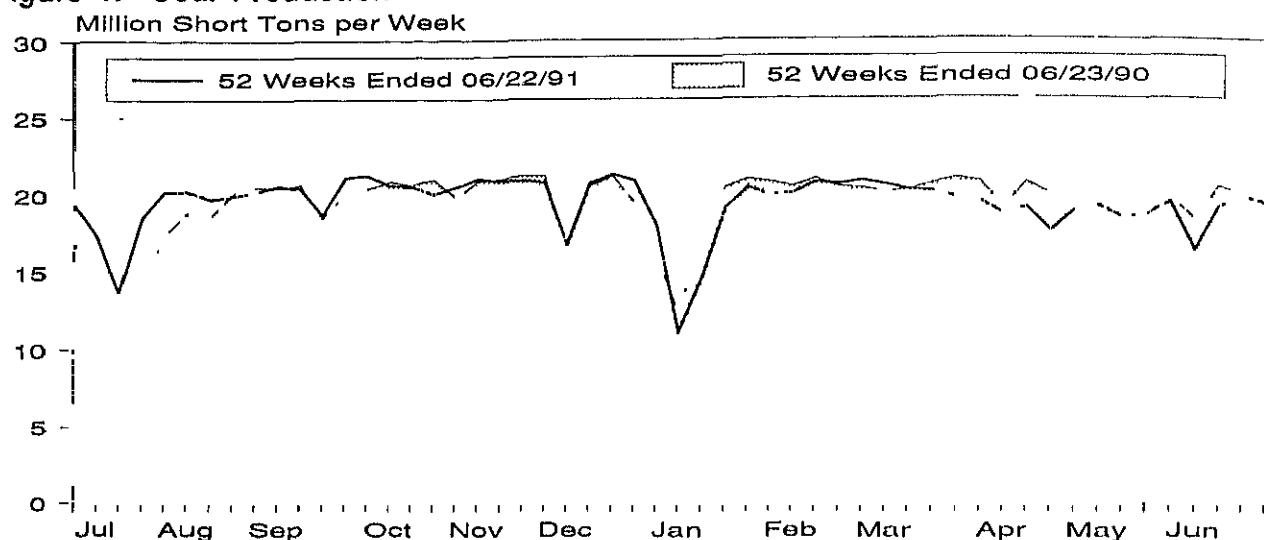
U.S. coal exports in April 1991 totaled 7 million short tons, 2 million short tons less than in April 1990. The amount of coal exported from January through April 1991 was 29 million short tons, 6 percent less than in the same period in 1990. Based on an average price of \$44.49 per short ton, coal exports were valued at \$1.3 billion in the first 4 months of 1991.

Steam coal exports in the first 4 months of 1991 amounted to 9 million short tons, 13 percent less than in the comparable period in 1990. Shipments to Canada were down by 86 percent, attributable to that country's economic slump and its effect on coal-fired electricity generation. By contrast, steam coal exports to Europe rose by 10 percent to 6 million short tons. Most of the increase was due to a 1 million-short-ton rise in shipments to the Netherlands, where U.S. coal helped compensate for a decline in the coal supply from European sources. The Netherlands and Italy were the two leading destinations for U.S. steam coal

exports to Europe, together accounting for 53 percent of the total. Shipments to Spain totaled over 250 thousand short tons, compared to virtually no exports in the first 4 months of 1990. However, steam coal shipments to France dropped by about three-fourths, reflecting the impact of nuclear power on electricity generation in that country. Steam coal exports to Taiwan, the leading Asian destination, went down about 1 million short tons. In comparison, shipments to Japan rose to over 800 thousand short tons.

Metallurgical coal exports through April 1991 totaled 20 million short tons, about the same as a year earlier. Shipments to Japan, the principal destination, declined slightly to 3 million short tons. Exports to Europe totaled 13 million short tons, virtually the same as a year earlier. The largest tonnage increases were to the Netherlands and Bulgaria. Metallurgical coal exports to Italy and West Germany fell 28 and 55 percent, respectively, reflecting declines in steel production.

U.S. coal imports in the first 4 months of 1991 totaled 1 million short tons, 24 percent more than in the same period in 1990. Coal imports were valued at \$38 million, based on an average price of \$33.42 per short ton. Colombia supplied about two-thirds of the coal imports. Most of the balance was from Canada and Venezuela.

Figure 1. Coal Production**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		Percent Change
	06/22/91	06/15/91	06/23/90	06/22/91	06/23/90	
Production (Thousand Short Tons)						
Bituminous Coal ¹ and Lignite	19,481	19,686	19,295	1,003,448	1,005,787	-0.2
Pennsylvania Anthracite	56	64	66	2,785	3,121	-10.8
U.S. Total	19,537	19,750	19,360	1,006,233	1,008,907	-0.3
Railroad Cars Loaded	128,946	130,241	128,145	6,528,510	6,526,159	

¹Includes subbituminous coal.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
 (Thousand Short Tons)

Region and State	Week Ended		
	06/22/91	06/15/91	06/23/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,050	12,236	12,153
Alabama	573	544	616
Illinois	1,239	1,207	1,091
Indiana	793	811	641
Kentucky	3,131	3,181	3,256
Kentucky, Eastern	2,393	2,433	2,426
Kentucky, Western	738	748	829
Maryland	66	69	65
Ohio	685	709	657
Pennsylvania Bituminous	1,331	1,489	1,372
Tennessee	124	115	140
Virginia	971	910	986
West Virginia	3,138	3,203	3,329
West of the Mississippi	7,431	7,450	7,142
Alaska	24	25	23
Arizona	207	209	151
Arkansas	1	1	*
Colorado	394	376	361
Iowa	7	7	7
Kansas	16	16	15
Louisiana	22	46	9
Missouri	47	48	49
Montana	678	667	697
New Mexico	498	441	509
North Dakota	521	513	539
Oklahoma	35	35	36
Texas	1,097	1,108	1,032
Utah	454	431	417
Washington	93	93	96
Wyoming	3,336	3,434	3,203
Bituminous Coal¹ and Lignite Total .	19,481	19,686	19,295
Pennsylvania Anthracite	56	64	66
U.S. Total	19,537	19,750	19,360

¹Includes subbituminous coal.

*Less than 0.5 thousand short tons..

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Exports and Imports, 1982-1991
 (Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports				Imports			
	Metallurgical		Steam ¹		Total		Quantity	Average Price
	Quantity	Average Price ²	Quantity	Average Price ²	Quantity	Average Price ²		
1982	64,585	\$61.07	41,692	\$49.11	106,277	\$56.37	742	\$30.40
1983	49,964	55.49	27,807	46.18	77,772	52.18	1,271	33.58
1984	56,975	52.41	24,508	46.77	81,483	50.72	1,286	35.37
1985	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987	51,679	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	65,128	45.19	35,687	37.64	100,815	42.52	2,851	34.14
1990								
January	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
May	5,643	46.81	4,184	36.50	9,827	42.42	144	34.08
June	5,699	46.35	3,616	36.35	9,316	42.47	348	34.65
July	5,495	46.82	3,698	35.69	9,194	42.34	200	29.58
August	5,598	46.59	4,467	37.57	10,065	42.59	120	35.72
September	5,567	46.70	4,671	35.89	10,238	41.76	194	32.31
October	4,471	47.06	4,286	36.41	8,756	41.85	284	41.32
November	5,805	46.42	3,816	36.88	9,621	42.63	224	32.86
December	4,890	48.07	2,923	36.32	7,813	43.67	268	33.40
Total	63,459	46.51	42,345	36.81	105,804	42.63	2,699	34.45
1991								
January	3,853	47.87	2,361	36.82	6,214	43.67	263	32.36
February	6,113	47.14	2,013	39.67	8,127	45.29	429	34.87
March	5,178	47.69	2,799	38.80	7,977	44.57	246	33.12
April	4,773	46.45	2,145	39.17	6,917	44.19	198	32.09
1991 Year to Date . . .	19,917	47.26	9,319	38.57	29,235	44.49	1,136	33.42
1990 Year to Date . . .	20,290	45.83	10,683	37.84	30,973	43.08	917	34.35

¹Includes bituminous, subbituminous, lignite, and anthracite.

²Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522" and "Monthly Report IM 145."

Table 4. Coal Exports, April 1991
(Short Tons)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	365,719	9,566	1,321,017	496,299	2,107,735	-76.5
Canada ¹	343,381	7,831	1,314,280	428,980	2,049,149	-79.1
Dominican Republic	18,441	-	-	37,730	21,825	72.9
Jamaica	-	-	-	18,055	16,250	11.1
Mexico	3,897	1,713	6,009	11,312	18,969	-40.4
Other ²	-	22	728	222	1,542	-85.6
South America Total	727,306	579,842	344,062	2,237,553	2,608,763	-14.2
Argentina	771	-	-	103,633	259,827	-60.1
Brazil	690,414	542,774	300,985	2,011,894	2,162,199	-7.0
Chile	34,673	37,037	39,280	105,330	182,010	-42.1
Other ²	1,448	31	3,797	16,696	4,727	253.2
Europe Total	4,090,857	5,799,216	5,159,133	19,117,642	18,534,143	3.1
Albania	-	22,402	24,860	67,654	71,224	-5.0
Belgium & Luxembourg	705,200	960,986	805,462	2,602,676	2,776,907	-6.3
Bulgaria	44,204	-	-	245,286	87,955	178.9
Denmark	400,429	176,338	298,306	948,426	746,919	27.0
Finland	51,018	-	-	84,452	-	-
France	355,588	501,180	604,620	2,149,920	2,914,335	-26.2
Ireland	72,562	136,151	168,646	394,398	471,153	-16.3
Italy	696,657	1,088,540	1,121,613	3,380,331	3,998,151	-15.5
Netherlands	720,776	1,071,868	438,372	3,346,130	1,971,893	69.7
Norway	-	14,156	33,277	30,738	60,983	-49.6
Portugal	81,719	211,915	180,389	329,181	362,021	-9.1
Romania	-	262,747	336,611	530,724	606,705	-12.5
Spain	196,730	557,488	181,996	1,519,879	1,168,217	30.1
Sweden	-	134,060	5,085	215,832	87,934	145.4
Turkey	199,563	120,714	147,497	833,788	675,836	23.4
United Kingdom	394,945	483,746	552,587	1,816,822	1,703,779	6.6
West Germany	84,037	51,956	176,866	247,561	407,559	-39.3
Yugoslavia	82,128	-	82,793	358,359	405,404	-11.6
Other ²	6,301	4,969	153	15,485	17,168	-9.8
Asia Total	1,733,551	1,292,327	1,592,055	6,740,941	7,117,969	-5.3
China (Taiwan)	317,883	158,722	495,651	1,127,576	1,750,492	-35.6
Hong Kong	-	-	-	227,857	-	-
Israel	-	133,185	-	133,185	209,122	-36.3
Japan	1,040,832	805,336	968,770	4,035,818	3,959,489	1.9
Korea, Republic of	371,821	192,911	127,634	1,208,019	1,198,409	.8
Other ²	3,015	2,173	-	8,486	457	NM
Oceania & Australia Total	19	56	-	75	555	-86.5
Africa Total	-	296,254	173,792	642,884	603,796	6.5
Algeria	-	63,844	57,396	176,443	101,501	73.8
Egypt	-	91,486	48,788	141,690	248,830	-43.1
Morocco	-	140,924	67,608	255,966	253,465	1.0
Other ²	-	-	-	68,785	-	-
Total	6,917,452	7,977,261	8,590,059	29,235,394	30,972,961	-5.6

¹Percent change calculation not meaningful as value is greater than 500.

²Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, April 1991
(Dollars per Short Ton)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	\$37.82	\$37.79	\$34.18	\$36.38	\$34.24	6.3
Canada ¹	37.72	34.68	34.16	36.28	34.20	6.1
Dominican Republic	39.12	-	-	39.12	36.38	7.5
Jamaica	-	-	-	33.48	30.57	9.5
Mexico	39.71	48.57	37.70	40.45	39.49	2.4
Other ²	-	-	39.54	34.33	39.00	-12.0
South America Total	46.39	47.42	45.71	47.10	45.29	4.0
Argentina	34.45	-	-	47.31	43.89	7.8
Brazil	46.91	48.17	46.72	47.74	46.23	3.3
Chile	36.61	36.59	38.50	36.58	36.36	.6
Other ²	34.47	-	39.98	34.75	39.98	-13.1
Europe Total	43.97	44.26	43.74	44.43	43.81	1.4
Albania	-	46.27	49.90	46.27	48.38	-4.4
Belgium & Luxembourg	46.72	43.63	42.88	46.10	44.50	3.6
Bulgaria	43.54	-	-	42.81	49.24	-13.1
Denmark	34.40	40.08	35.93	33.93	34.84	-2.6
Finland	46.72	-	-	46.67	-	-
France	48.16	44.38	42.10	44.02	41.62	5.8
Ireland	39.92	37.19	36.29	40.97	38.06	7.7
Italy	46.80	45.23	45.14	45.40	44.22	2.7
Netherlands	42.07	43.02	39.72	42.74	42.95	-.5
Portugal	39.98	39.46	41.54	40.43	41.20	-1.9
Romania	-	47.65	49.80	46.71	48.24	-3.2
Spain	40.01	36.20	48.67	43.74	47.37	-7.7
Sweden	-	46.09	-	46.57	47.58	-2.1
Turkey	45.89	47.82	48.54	47.17	44.58	5.8
United Kingdom	45.35	49.41	47.88	48.21	47.11	2.3
West Germany	32.86	49.00	43.54	43.53	42.99	1.2
Yugoslavia	48.19	-	41.24	47.87	45.15	6.0
Other ²	-	-	40.14	-	39.99	-
Asia Total	45.14	42.84	41.95	43.68	42.23	3.4
China (Taiwan)	46.05	40.79	38.84	41.27	37.76	9.3
Hong Kong	-	-	-	39.83	-	-
Israel	-	40.97	-	40.97	38.33	6.9
Japan	43.91	42.94	42.91	43.85	43.49	.8
Korea, Republic of	47.81	45.47	46.80	46.45	45.38	2.4
Other ²	40.83	39.95	-	40.54	39.88	1.6
Oceania & Australia Total	-	-	-	-	36.85	-
Africa Total	-	38.93	38.80	41.64	38.58	7.9
Algeria	-	-	-	47.62	45.09	5.6
Egypt	-	46.44	46.36	46.44	45.30	2.5
Morocco	-	34.07	33.35	34.31	30.85	11.2
Other ²	-	-	-	49.25	-	-
Total	44.23	44.09	42.04	44.28	42.86	3.3
U.S. Total³	44.19	44.57	42.67	44.49	43.08	3.3

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

³Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Steam Coal Exports, April 1991
 (Short Tons)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	173,017	9,154	1,019,818	301,184	1,779,262	-83.1
Canada ¹	150,679	7,441	1,013,296	233,887	1,720,891	-86.4
Dominican Republic	18,441	-	-	37,730	21,825	72.9
Jamaica	-	-	-	18,055	16,250	11.1
Mexico	3,897	1,713	6,009	11,312	18,969	-40.4
Other ²	-	-	513	200	1,327	-84.9
South America Total	36,892	39,796	43,077	125,525	189,562	-33.8
Argentina	771	-	-	771	-	-
Brazil	-	2,728	-	2,728	29,011	-90.6
Chile	34,673	37,037	39,280	105,330	155,824	-32.4
Other ²	1,448	31	3,797	16,696	4,727	253.2
Europe Total	1,634,543	2,090,060	2,138,071	6,290,086	5,732,290	9.7
Belgium & Luxembourg	64,588	378,734	349,476	456,032	714,176	-36.1
Bulgaria	-	-	-	-	39,065	-
Denmark	322,060	176,338	298,306	870,057	691,347	25.8
Finland	-	-	-	216	-	-
France	-	66,723	222,474	224,687	976,553	-77.0
Ireland	72,562	136,151	168,646	394,398	471,153	-16.3
Italy	271,196	466,669	413,541	1,553,464	1,468,105	5.8
Netherlands	473,037	517,966	406,703	1,774,331	725,772	144.5
Norway	-	6,881	17,960	6,881	29,891	-76.8
Portugal	81,719	211,915	180,389	293,634	295,698	-.7
Spain	43,731	99,837	127	254,172	410	NM
Sweden	-	-	-	8,048	-	-
Turkey	-	-	175	108	7,389	-98.5
United Kingdom	216,312	17,802	71,590	317,197	230,982	37.3
West Germany	84,037	11,044	356	96,966	73,258	32.4
Yugoslavia	-	-	8,175	34,594	8,175	323.2
Other ²	5,301	-	153	5,301	516	NM
Asia Total	300,388	558,745	566,562	2,421,071	2,727,227	-11.2
China (Taiwan)	185,171	158,722	495,651	994,864	1,645,432	-39.5
Hong Kong	-	-	-	227,857	-	-
Israel	-	133,185	-	133,185	209,122	-36.3
Japan	112,202	192,468	70,911	816,648	639,647	27.7
Korea, Republic of	-	72,197	-	240,031	232,569	3.2
Other ²	3,015	2,173	-	8,486	457	NM
Oceania & Australia Total	19	56	-	75	555	-86.5
Africa Total	-	101,326	68,038	180,724	253,895	-28.8
Egypt	-	-	430	-	430	-
Morocco	-	101,326	67,608	180,724	253,465	-
Total	2,144,859	2,799,137	~ 2,000,000			

¹Percent change calculation not meaningful as value is greater than

²Based on the U.S.-Canada Free Trade Agreement, as of January 1. U.S. exports to Canada based on information on imports provided monthly for coal (metallurgical and steam) and the quantity for coke are no longer available.

³Includes countries with exports less than or equal to 50,000 short tons.

Note: Total may not equal sum of components because of independent reporting by some countries.

Source: Bureau of the Census, U.S. Department of Commerce, "Mo-

Table 7. Average Price of Steam Coal Exports, April 1991
(Dollars per Short Ton)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	\$36.38	\$37.79	\$34.00	\$34.41	\$34.12	0.9
Canada ¹	35.83	34.68	33.97	33.74	34.07	-1.0
Dominican Republic	39.12	-	-	39.12	36.38	7.5
Jamaica	-	-	-	33.48	30.57	9.5
Mexico	39.71	48.57	37.70	40.45	39.49	2.4
Other ²	-	-	35.01	34.33	35.66	-3.7
South America Total	36.48	36.59	38.63	36.32	35.45	2.5
Argentina	34.45	-	-	34.45	-	-
Brazil	-	-	-	-	41.05	-
Chile	36.61	36.59	38.50	36.58	34.27	6.8
Other ²	34.47	-	39.98	34.75	39.98	-13.1
Europe Total	38.17	39.13	38.47	38.69	38.31	1.0
Belgium & Luxembourg	32.05	37.71	37.60	36.99	36.93	2
Bulgaria	-	-	-	-	48.99	-
Denmark	34.40	40.08	35.93	33.93	34.84	-2.6
Finland	-	-	-	40.75	-	-
France	-	36.29	37.17	36.32	36.97	-1.8
Ireland	39.92	37.19	36.29	40.97	38.06	7.7
Italy	41.91	41.28	39.88	41.02	40.02	2.5
Netherlands	39.10	39.12	39.12	39.22	38.03	3.1
Portugal	39.98	39.46	41.54	39.60	39.76	-4
Spain	28.15	36.20	40.06	34.59	39.96	-13.4
Sweden	-	-	-	41.64	-	-
Turkey	-	-	40.01	40.73	40.01	1.8
United Kingdom	41.69	36.29	42.74	41.96	44.92	-6.6
West Germany	32.86	49.04	40.04	34.78	40.27	-13.6
Other ²	-	-	40.14	-	39.99	-
Asia Total	42.09	37.75	38.61	38.48	37.66	2.2
China (Taiwan)	45.03	40.79	38.84	40.44	37.25	8.5
Hong Kong	-	-	-	39.83	-	-
Israel	-	40.97	-	40.97	38.33	6.9
Japan	37.26	32.17	36.85	34.88	37.96	-8.1
Korea, Republic of	-	39.92	-	39.92	39.11	2.1
Other ²	40.83	39.95	-	40.54	39.88	1.6
Oceania & Australia Total	-	-	-	-	36.85	-
Africa Total	-	33.34	33.37	33.64	30.86	9.0
Egypt	-	-	35.91	-	35.91	-
Morocco	-	33.34	33.35	33.64	30.85	9.0
Total	38.58	38.61	37.30	38.39	37.25	3.1
U.S. Total³	39.17	38.80	38.60	38.57	37.84	1.9

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

³Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Metallurgical Coal Exports, April 1991
(Short Tons)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	192,702	412	301,199	195,115	328,473	-40.6
Canada ¹	192,702	390	300,984	195,093	328,258	-40.6
Other ²	-	22	215	22	215	-89.8
South America Total	690,414	540,046	300,985	2,112,028	2,419,201	-12.7
Argentina	-	-	-	102,862	259,827	-60.4
Brazil	690,414	540,046	300,985	2,009,166	2,133,188	-5.8
Chile	-	-	-	-	26,186	-
Europe Total	2,456,314	3,709,156	3,021,062	12,827,556	12,801,853	.2
Albania	-	22,402	24,860	67,654	71,224	-5.0
Belgium & Luxembourg	640,612	582,252	455,986	2,146,644	2,062,731	4.1
Bulgaria	44,204	-	-	245,286	48,890	401.7
Denmark	78,369	-	-	78,369	55,572	41.0
Finland	51,018	-	-	84,236	-	-
France	355,588	434,457	382,146	1,925,233	1,937,782	-6
Italy	425,461	621,871	708,072	1,826,867	2,530,046	-27.8
Netherlands	247,739	553,902	31,669	1,571,799	1,246,121	26.1
Norway	-	7,275	15,317	23,857	31,292	-23.8
Portugal	-	-	-	35,547	66,323	-46.4
Romania	-	262,747	336,611	530,724	606,705	-12.5
Spain	152,999	457,651	181,869	1,265,707	1,167,807	8.4
Sweden	-	134,060	5,085	207,784	87,934	136.3
Turkey	199,563	120,714	147,322	833,680	668,447	24.7
United Kingdom	178,633	465,944	480,997	1,499,625	1,472,797	1.8
West Germany	-	40,912	176,510	150,595	334,301	-55.0
Yugoslavia	82,128	-	74,618	923,765	397,229	-18.5
Other ²	-	4,969	-	10,184	16,652	-38.8
Asia Total	1,433,163	733,582	1,025,493	4,319,870	4,390,742	-1.6
China (Taiwan)	132,712	-	-	132,712	105,060	26.3
Japan	928,630	612,868	897,859	3,219,170	3,319,842	-3.0
Korea, Republic of	371,821	120,714	127,634	967,988	965,840	.2
Africa Total	-	194,928	105,754	462,160	349,901	32.1
Algeria	-	63,844	57,396	176,443	101,501	73.8
Egypt	-	91,486	48,358	141,690	248,400	-43.0
Morocco	-	39,598	-	75,242	-	-
Other ²	-	-	-	68,785	-	-
Total	4,772,593	5,178,124	4,754,493	19,916,729	20,290,170	-

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Average Price of Metallurgical Coal Exports, April 1991
(Dollars per Short Ton)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	\$38.86	\$-	\$34.73	\$38.83	\$34.83	11.5
Canada ¹	38.86	-	34.72	38.83	34.82	11.5
Other ²	-	-	49.93	-	49.93	-
South America Total	46.91	48.17	46.72	47.73	46.07	3.6
Argentina	-	-	-	47.41	43.89	8.0
Brazil	46.91	48.17	46.72	47.74	46.30	3.1
Chile	-	-	-	-	48.84	-
Europe Total	47.95	47.56	47.47	47.44	46.27	2.5
Albania	-	46.27	49.90	46.27	48.38	-4.4
Belgium & Luxembourg	48.20	47.49	46.93	48.04	47.12	1.9
Bulgaria	43.54	-	-	42.81	49.44	-13.4
Finland	46.72	-	-	46.69	-	-
France	48.16	45.63	44.97	44.92	43.96	2.2
Italy	49.92	48.20	48.21	49.13	46.66	5.3
Netherlands	47.75	46.66	47.37	46.71	45.81	2.0
Portugal	-	-	-	47.25	47.64	-8
Romania	-	47.65	49.80	46.71	48.24	-3.2
Spain	43.40	-	48.68	47.58	47.37	.4
Sweden	-	46.09	-	46.76	47.58	-1.7
Turkey	45.89	47.82	48.55	47.18	44.58	5.8
United Kingdom	49.78	49.91	48.65	49.46	47.45	4.2
West Germany	-	48.99	43.55	49.09	43.59	12.6
Yugoslavia	48.19	-	41.24	47.87	45.15	6.0
Asia Total	45.77	46.73	43.77	46.60	45.11	3.3
China (Taiwan)	47.48	-	-	47.48	45.64	4.0
Japan	44.72	46.32	43.34	46.12	44.56	3.5
Korea, Republic of	47.81	48.79	46.80	48.07	46.88	2.5
Africa Total	-	43.26	46.45	45.27	45.28	*
Algeria	-	-	-	47.62	45.09	5.6
Egypt	-	46.44	46.45	46.44	45.32	2.5
Morocco	-	35.93	-	35.92	-	-
Other ²	-	-	-	49.25	-	-
Total	46.76	47.38	45.77	47.14	45.79	3.0
U.S. Total³	46.45	47.69	45.95	47.26	45.83	3.1

*For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

³Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Customs District, April 1991
(Short Tons)**

Customs District	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
Eastern Total	5,218,912	6,112,124	4,941,739	20,878,425	20,565,335	1.5
Baltimore, MD	739,871	677,308	724,865	1,852,969	2,793,491	-33.7
Portland, ME					493	-
Buffalo, NY	1,183	5,331	5,362	14,713	19,601	-24.9
New York City, NY	266	224	1,120	1,177	3,161	-62.8
Ogdensburg, NY	1,632	1,179	1,524	7,037	6,250	12.6
Philadelphia, PA	70,245	131,476	224,378	201,721	678,728	-70.3
Norfolk, VA	4,405,636	5,296,606	3,984,490	18,800,650	17,063,611	10.2
St Albans, VT	79	-	-	158	-	-
Southern Total	1,355,657	1,653,349	2,247,275	6,804,993	7,524,135	-9.6
Mobile, AL	449,559	761,230	760,163	2,768,468	3,000,154	-7.7
Miami, FL		-	215	431	215	100.5
Tampa, FL	1,353	-	206	2,105	18,099	-88.4
New Orleans, LA	805,822	784,880	1,240,216	3,586,039	3,856,315	-7.0
Charleston, SC	72,379	85,607	238,727	374,623	600,676	-37.6
Houston-Galveston, TX	23,148	19,919	4,412	63,614	33,899	87.7
Laredo, TX	3,396	1,713	3,336	9,713	14,777	-34.3
Western Total	31,896	210,467	168,252	1,173,798	933,817	25.7
Anchorage, AK	-	72,197	-	240,031	232,569	3.2
Nogales, AZ		-	2,673	-	2,673	-
Los Angeles, CA	534	298	158,141	755,961	678,230	11.5
San Diego, CA	501	-	-	1,599	1,519	5.3
San Francisco, CA	-	1,069	7,383	1,069	7,383	-85.5
Portland, OR	-	74,454	-	74,454	-	-
Seattle, WA	30,861	62,449	55	100,684	11,443	NM
Northern Total	309,876	125	1,230,730	373,551	1,939,910	-80.7
Chicago, IL	-	-	8,682	108	8,682	-98.8
Detroit, MI	140	125	202,426	1,262	828,337	-99.8
Pembina, ND	-	-	-	-	87	-
Cleveland, OH	309,736	-	1,019,622	372,181	1,102,804	-66.3
Total	6,917,452	7,977,261	8,590,059	29,235,394	30,972,961	-5.6

^{**}Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, April 1991
 (Short Tons)

Continent and Country of Destination	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	40,986	11,784	33,242	80,636	109,628	-26.4
Canada ¹	35,309	6,605	27,378	57,789	62,832	-8.0
Mexico	5,519	5,158	5,773	22,461	46,470	-51.7
Other ²	158	21	91	386	326	18.4
South America Total	9,792	49	-	9,841	21,761	-54.8
Europe Total	44,166	-	-	44,166	33,659	31.2
Total	94,944	11,833	33,242	134,643	165,048	-18.4

¹Based on the U.S.-Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

²Includes countries with exports less than or equal to 50,000 short tons in 1990.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, April 1991
 (Short Tons)

Continent and Country of Origin	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	66,239	55,856	81,560	252,203	333,024	-24.3
Canada	66,239	55,856	81,560	252,203	326,820	-22.8
Mexico	-	-	-	-	6,204	-
South America Total	132,043	190,122	100,421	852,932	583,591	46.2
Colombia	106,839	162,564	76,892	724,632	492,513	47.1
Venezuela	25,204	27,558	23,529	128,300	91,078	40.9
Oceania & Australia Total	-	-	-	31,106	-	-
Australia	-	-	-	31,106	-	-
Total	198,282	245,978	181,981	1,136,241	916,615	24.0

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, April 1991
(Dollars per Short Ton)

Continent and Country of Origin	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	\$25.00	\$24.09	\$24.13	\$24.84	\$26.44	-6.0
Canada	25.00	24.09	24.13	24.84	26.13	-4.9
Mexico					38.36	
South America Total	34.79	33.53	39.56	34.69	38.15	-9.1
Colombia	32.33	31.91	37.07	33.49	37.36	-10.4
Venezuela	45.22	43.09	47.67	41.48	42.45	-2.3
Oceania & Australia Total				37.97		
Australia				37.97		
Total	32.93	31.69	37.50	32.99	34.67	-4.9
U.S. Total¹	32.09	33.12	31.45	33.42	34.35	-2.7

¹Average price of all coal imports

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, April 1991
(Short Tons)

Customs District	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
Eastern Total	25,204	-	23,553	88,906	185,843	-52.2
Boston, MA					99,723	
Portland, ME	25,204	-	23,529	53,731	86,075	
Buffalo, NY		-	24	-	24	
Ogdensburg, NY		-		-	21	
Philadelphia, PA		-		35,175		
Southern Total	106,839	190,122	76,892			
Tampa, FL	106,839	140,237	40,780			
New Orleans, LA		-	-			
San Juan, PR		22,327	36,112			
Houston-Galveston, TX		-	-			
Laredo, TX		-	-			
Virgin Islands		27,558	-			
Western Total	5,432	11,476	10,120			
Honolulu, HI		-	-			
Great Falls, MT	5,432	7,476	5,120			
Seattle, WA		4,000	5,000			
Northern Total	60,807	44,380	71,416			
Chicago, IL	28,756	-	57,558			
Detroit, MI		8	-			
Pembina, ND	32,051	44,372	13,858			
Total	198,282	245,978	181,981	1,		

¹Percent change calculation not meaningful as value is greater than 500.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, April 1991
(Short Tons)

Continent and Country of Origin	April 1991	March 1991	April 1990	Year to Date		
				1991	1990	Percent Change
North America Total	725	1,005	1,291	11,782	26,510	-55.6
Canada	725	1,005	1,291	11,782	4,723	149.5
Mexico	-	-	-	-	21,787	-
Europe Total	-	-	-	-	19,080	-
Italy	-	-	-	-	19,080	-
Asia Total	86,192	40,337	-	207,369	122,986	68.6
Japan	86,192	40,337	-	207,369	122,986	68.6
Oceania & Australia Total	39,797	35,749	-	75,546	-	-
Australia	39,797	35,749	-	75,546	-	-
Total	126,714	77,091	1,291	294,697	168,576	74.8

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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